1   <u>WHAT IS CLAIMED IS</u>:

1. An image processing system, comprising:

a)   an information processing apparatus
including:

5   operating means for entering information;

processing means for processing and outputting
information entered at said operating means; and

an interface for connecting an external
apparatus; and

10   b)   an image pickup apparatus detachable from
said interface, including:

image pickup means for picking up an object
image; and

storage means for storing programs each
15 describing how to operate said image pickup means by
means of said processing means.

2. An image processing system according to claim
1, wherein said processing means reads any of said
20 programs from said storage means in said image pickup
apparatus connected via the said interface.

3. An image processing system according to
claim 1, wherein said information processing apparatus
25 further comprising:

display means for displaying information
processed by said processing means.

1   4.   An image processing system according to

claim 1, wherein said image pickup apparatus is

shaped like a card.

5   5.   An image processing system according to

claim 2, wherein said processing means controls said

image pickup means according to any of said programs.

6.   An information processing apparatus,

10   comprising:

operating means for entering information;

processing means for processing and outputting

information entered at said operating means; and

an interface for inputting or outputting

15   information to or from an image pickup apparatus

having image pickup means and storage means for

storing programs each describing how to operate said

image pickup means.

20   7.   An information processing appparatus

according to claim 6, wherein said processing means

reads any of said programs from said storage means

in said image pickup apparatus connected via said

interface.

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8.   An information processing apparatus

according to claim 6, further comprising:

1   display means for use in displaying information

processed by said processing means.

     9. An information processing apparatus

5 according to claim 6, wherein said image pickup

apparatus is shaped like a card.

     10. An information processing apparatus

according to claim 7, wherein said processing means

10 controls said image pickup means according to any of

said programs.

     11. An image pickup apparatus connected to an

information processing apparatus including operating

15 means for entering information and processing means

for processing and outputting information entered at

said operating means, comprising:

    image pickup means for picking up an object

image; and

20   storage means for storing programs each

describing how to operate said image pickup means

by means of said processing means.

     12. An image pickup apparatus according to

25 claim 11, wherein said image pickup apparatus is

shaped like a card.

13. An image processing system, comprising:

a) an information processing apparatus including:

operating means for entering information;

processing means for processing and outputting information entered at said operating means;

an interface for connecting an external apparatus; and

first supplying means for supplying power; and

b) an image pickup apparatus detachable from said interface, including:

image pickup means for picking up an object image; and

second supplying means for transferring power to or from said first supplying means.

14. An image processing system according to claim 13, further comprising:

image pickup apparatus detachment detecting means; and

power state sensing means for sensing states of said supplying means according to the output of said detecting means.

15. An image processing system according to claim 14, wherein when said detecting means detects

that said image pickup apparatus is mounted, said

power state sensing means specifies a first sense

threshold and a second sense threshold, and

wherein said first sense threshold is used to actuate

or stop the facilities of said image pickup

apparatus and said second sense threshold is used

to actuate or stop the facilities of said information

processing apparatus.

16. An image processing system according to

claim 14, wherein said image pickup apparatus

includes program storage means and a facility for

specifying said sense thresholds in said power state

sensing means according to data stored in said

storage means.

17. An image processing system according to

claim 16, wherein said data stored in said storage

means are a plurality of sense thresholds

corresponding to a plurality of modes required for

the operation of said image pickup apparatus.

18. An image processing system, comprising:

an image processing apparatus including

operating means, display means, control means, power

supply means, and power state sensing means;

an image pickup apparatus including image

pickup means and power supply means; and

supply control means for supplying power from said power supply of said information processing apparatus to said image pickup apparatus according to the output of said power state sensing means.

19. An information processing apparatus, from which an image pickup apparatus having image pickup means is demountable and which includes operating means, disply means, and power supply means, characterized in that said power supply means is means for supplying power to said image pickup apparatus.

20. An information processing apparatus according to claim 19, further comprising image pickup apparatus detachment/detecting means, and power state sensing means in which a sense threshold is specified according to the output detected by said image pickup apparatus detachment detecting means.

21. An information processing apparatus including operating means, display means, and protecting means for protecting a mounted image pickup apparatus, characterized in that said image pickup apparatus having image pickup means is demountable from said information processing apparatus.

1   22.   An information processing apparatus
according to claim 21, further comprising control means
for controlling actuation or stop of said image pickup
apparatus according to the operation of said image
5   pickup protecting means.

          23. An image pickup apparatus demountable from
an information processing apparatus including operating
means and display means, comprising:
10   image pickup means; and
          protecting means for protecting said image
pickup means.

          24.   An image processing apparatus, comprising:
15   information input means for entering information;
          display means for displaying information
entered at said information input means;
          image pickup means for picking up an object
image;
20   a housing for holding at least one of said
image pickup means, said information input means, and
said display means; and
          control means for controlling said image
pickup means according to the state of said housing.

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          25. An image processing apparatus according
to claim 24, wherein said control means controls

start or stop of operation of said image pickup means according to the state of said housing.

26. An image processing apparatus according to claim 24, wherein said housing has a hinge, and said control means controls said image pickup means according to the state of said hinge.

27. An image processing system, comprising:

a) an information processing apparatus including:

operating means for entering information;

processing means for processing information entered at said operating means;

display means for performing a display corresponding to data processed by said processing means; and

an interface for connecting an external apparatus; and

b) an image pickup apparatus detachable from said interface, including:

image pickup means for picking up an object image; wherein said information processing apparatus further includes:

detecting means for detecting that said image pickup apparatus is connected; and

control means for controlling the displaying

state of said display means according to the output
detected by said detecting means.

28. An image processing system according to
claim 27, wherein when said detecting means detects
that said image pickup apparatus is connected, said
control means displays image information sent from
said image pickup apparatus on said display means.

29. An image processing system according to
claim 27, wherein said display means displays an
image sent from said image pickup apparatus in a
window in a display screen thereon.

30. An image processing system, comprising:
a computer including operating means, display
means, and control means;
an image pickup apparatus including image
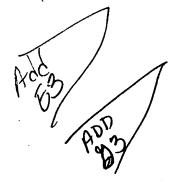pickup means and program storage means; and
control means that when said image pickup
apparatus is not mounted on said computer, stops
the operation of said image pickup means.

31. An image processing system according to
claim 30, wherein said image pickup apparatus is
shaped like a card.

1   32. An information processing apparatus, on which image pickup apparatus can be mounted, characterized in that a mounting unit for mounting said image pickup apparatus is formed at a position at

5   which the facilities of said image pickup means used for imaging come out of said information processing apparatus.

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